

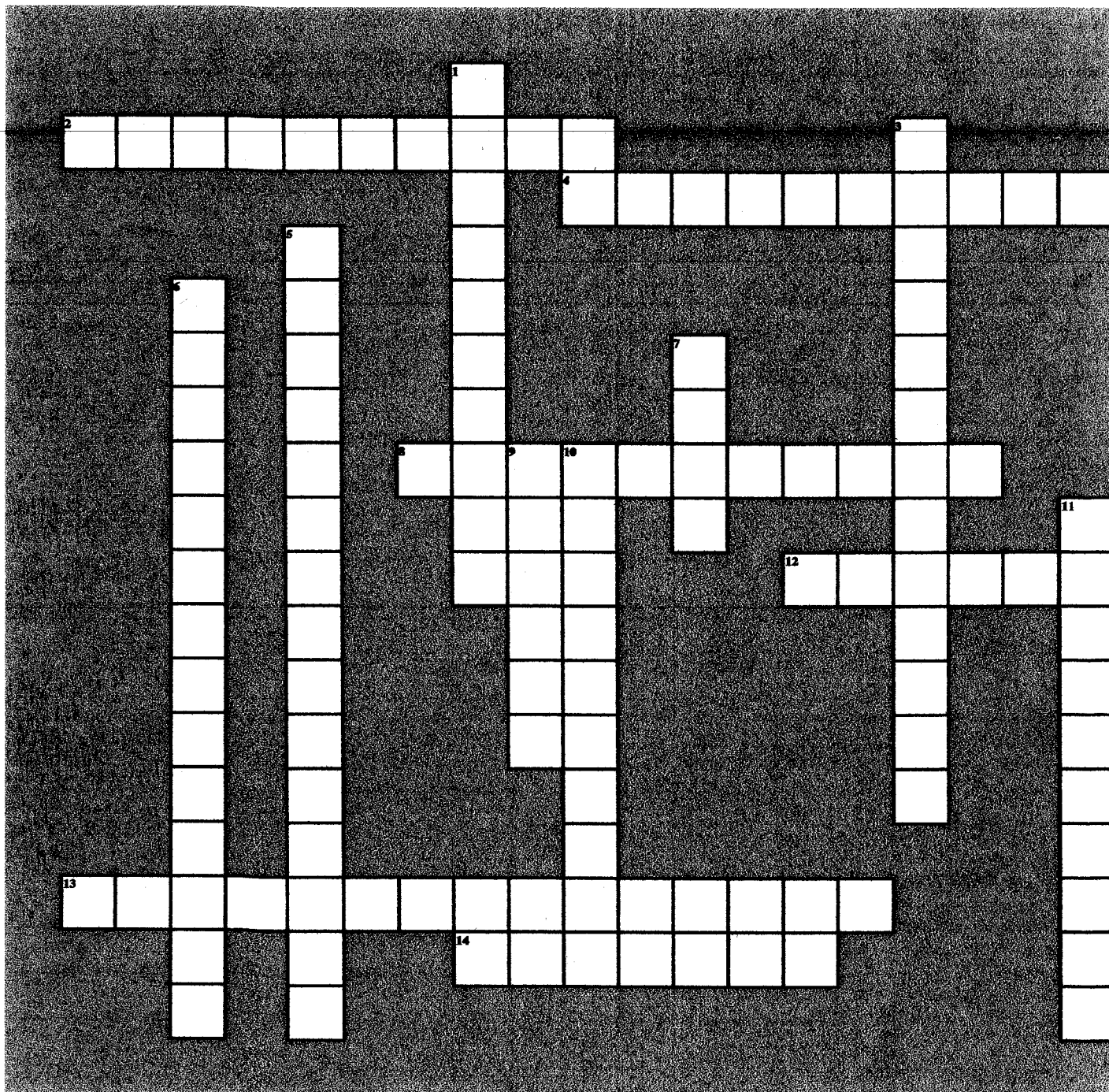


Name \_\_\_\_\_

Date \_\_\_\_\_  
(Key # 1 - 732363)

## Chapter 10 vocabulary

Complete the crossword puzzle.



## Across

- 2 water below a tundra surface that remains frozen throughout the year
- 4 a layer of gases (mainly oxygen and nitrogen) surrounding planet Earth
- 8 The SI unit that measures the vertical force of atmospheric pressure per unit area
- 12 A natural event that happens every 2-7 years at which time the water in the Pacific near the equator increases in temperature, causing severe weather around the world. (2 words)
- 13 Gases in the atmosphere that trap heat. (2 words)
- 14 A localized and violently destructive windstorm occurring over land characterized by a funnel-shaped cloud extending toward the ground.
- 7 A form of energy. This can be transferred between two systems when a difference of temperature exists.
- 9 A cooling of the ocean surface off the western coast of South America, occurring periodically every 4 to 12 years and affecting Pacific and other weather patterns. In spanish, it means (2 words)
- 10 Located in the Stratosphere layer of our atmosphere, it absorbs harmful ultraviolet radiation from the sun. (2 words)
- 11 Movement of energy from a hot object that comes into contact with a cooler object.

## Down

- 1 A circular movement caused when a material is heated, expands and rises, then cools and falls.
- 3 The kinetic and potential energy of the particles of a substance. (2 words)
- 5 Global winds that blow constantly from the same direction. (2 words)
- 6 A deflection, or bending, of the winds that move over the earth's surface, caused by the rotation of the earth. (2 words)